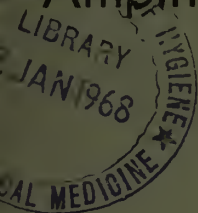




44-1-13  
2 Library 159  
Amphill Rural District Council



# ANNUAL REPORT

for the

YEAR 1960

of the



*Medical Officer of Health*

and of the

*Public Health Inspector*

A. R. DARLOW, T.D., M.B., B.S., D.P.H., D.C.H., D.T.M. & H.  
MEDICAL OFFICER OF HEALTH.

W. J. FOLEY, M.R.S.M., M.A.P.H.I.,  
PUBLIC HEALTH INSPECTOR.



# CONTENTS

	PAGE
PREFACE .. .. .	2
1. OFFICERS OF THE PUBLIC HEALTH DEPARTMENT .. .. .	3
2. GENERAL STATISTICS RELATING TO THE DISTRICT .. .. .	3
3. SOCIAL CONDITIONS OF THE AREA .. .. .	3
4. VITAL STATISTICS .. .. .	4
5. GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES .. .. .	6
6. LEGISLATION IN FORCE .. .. .	8
7. SANITARY CIRCUMSTANCES OF THE AREA—	
(a) Water Supply .. .. .	8
(b) Drainage and Sewerage .. .. .	12
(c) Rivers and Streams .. .. .	12
(d) Closet Accommodation .. .. .	12
(e) Cleansing .. .. .	12
(f) Sanitary Inspection of the Area .. .. .	12
(g) Shops and Premises .. .. .	14
(h) Movable Dwellings .. .. .	14
(i) Smoke Abatement .. .. .	14
(j) Swimming Baths and Pools .. .. .	14
(k) Eradication of Bed Bugs .. .. .	15
(l) Rodent Control .. .. .	15
8. HOUSING .. .. .	15
9. INSPECTION AND SUPERVISION OF FOOD—	
(a) Slaughterhouses.. .. .	16
(b) Meat Inspection .. .. .	16
(c) Food Condemned .. .. .	17
(d) Hygiene of Food Premises .. .. .	17
(e) Milk .. .. .	18
0. SANITATION IN SCHOOLS .. .. .	18
1. PREVALENCE AND CONTROL OF INFECTIOUS DISEASES .. .. .	18
2. IMMUNISATION AND VACCINATION .. .. .	22
3. NATIONAL ASSISTANCE ACT .. .. .	22
4. FACTORIES ACT .. .. .	23

TO THE CHAIRMAN AND MEMBERS OF THE AMPHILL RURAL DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report upon the health, vital statistics and sanitary conditions of the district for the year 1960.

The vital statistics for the year are satisfactory. The numbers, however, are small and care must be taken in interpreting them either way.

As will be seen from the analysis of infant deaths, the main reasons are the presence of congenital malformations and prematurity. Both are subjects of intensive research, the importance of which is obvious.

The year marked the end of the first five year programme of slum clearance, details of which are given in the text, and which are satisfactory.

During the year work was commenced on two major sewerage schemes, the first to cover the villages of Maulden, Clophill and Silsoe, and the second to cover the villages of Marston Moreteyne and Cranfield. The greatest difficulty has been experienced in supplying a service to districts still on closet pails and cesspools. In an era of full employment it is easily be understood how difficult it is to obtain labour for these unpleasant jobs.

In conclusion, I should like to say how pleased I am to join your staff. I am grateful to Mr. Foley who has done most of the work in connection with this report.

I am,

Your obedient servant,

A. R. DARLOW,

July, 1961.

*Medical Officer of Health*

# Amphill Rural District Council

## ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for 1960

### OFFICERS OF THE PUBLIC HEALTH DEPARTMENT :—

*Medical Officer of Health:* A. R. DARLOW, T.D., M.B., B.S., D.P.H., D.C.H.,  
D.T.M. & H. (appointed November, 1960).

*Chief Public Health Inspector :* W. J. FOLEY, M.R.S.H., M.A.P.H.I.

*Additional Public Health Inspector :* L. DANIEL, M.A.P.H.I.

### GENERAL STATISTICS RELATING TO THE DISTRICT :—

Area.. .. 62,553 acres

#### Population :—

Census for 1951 .. .. 22,921

Registrar General's estimate of home population mid-year 1960 .. 24,930

Number of inhabited houses .. .. 8,436

Rateable value .. .. £284,669

Sum represented by a Penny Rate .. .. Est. £1,116

### SOCIAL CONDITIONS OF THE AREA :—

From a scenic point of view the district as a whole is one of the most attractive and beautiful areas in Bedfordshire and as yet unspoiled by large industrial development.

The principal employers in the North and West are the brickworks at Lidlington and Edmington, with Stewartby just inside the Bedford Rural District. There are also light engineering factories at Cranfield and Aspley Guise. Other large places of employment are the Ebonite Works at Houghton Conquest, a brush works at Flitwick, and a tool factory at Westoning. The Aeronautical College at Cranfield and the National Institute of Agricultural Engineering at Silsoe have greatly added to the status of these villages while the growth of Lower Stondon is largely due to the R.A.F. Aerodrome and Training Centre at Henlow Camp.

Flitwick, served by a main railway, is largely a dormitory area for Luton and Bedford where many are employed in the factories and offices of these large towns.

Intensive market gardening is the principal occupation in the light sandy soil around Gadderbury, Flitwick, Flitton and Clophill and agriculture affords the greater part of employment within the district.

Aspley Guise, Aspley Heath and Woburn are mainly residential in character.

#### 4. VITAL STATISTICS.

							Males	Females	T
<i>Live Births</i> —Legitimate	..	..	..	..	..	..	221	168	T
Illegitimate	..	..	..	..	..	..	8	9	
Total							229	177	

Crude Birth Rate .. .. 16.3 per 1,000 home population

Adjusted Birth Rate .. .. 16.4 do.

(The comparability factor for the District being 1.01)

As compared with :—

Average of last 5 years .. .. 15.2 per 1,000 home population

Rate for Bedfordshire .. .. 20.3 do.

Rate for England & Wales .. .. 17.1 do.

							Males	Females	T
<i>Still Births</i> —Legitimate	..	..	..	..	..	..	6	5	T
Illegitimate	..	..	..	..	..	..	—	—	
Total							6	5	

Still Birth Rate .. .. 26.4 per 1,000 live and still births

As compared with :—

Average of last 5 years .. .. 21.3 do.

Rate for Bedfordshire .. .. 18.7 do.

Rate for England & Wales .. .. 19.7 do.

*Deaths*—

							Males	Females	T
Deaths in the District	..	..	..	..	..	..	91	91	
Transferred into District	..	..	..	..	..	..	68	42	
Transferred from District	..	..	..	..	..	..	10	14	
Total							149	119	

Crude Death Rate .. .. 10.8 per 1,000 home population

Adjusted Death Rate .. .. 10.0 do.

(The comparability factor for the District being 0.93)

As compared with :—

Average of last 5 years .. .. 10.9 per 1,000 home population

Rate for Bedfordshire .. .. 10.8 do.

Rate for England & Wales .. .. 11.5 do.

*Deaths of Infants under 1 year of age*—

							Males	Females	T
Legitimate	..	..	..	..	..	..	5	3	
Illegitimate	..	..	..	..	..	..	—	—	
Total							5	3	

Infant Mortality Rate .. .. 19.7 per 1,000 related live births

As compared with :—

Average of last 5 years .. .. 20.1 do.

Rate for Bedfordshire .. .. 19.5 do.

Rate for England & Wales .. .. 21.7 do.

aths connected with Childbirth—

Maternal Mortality .. .. 2.4 per 1,000 total (live and still) births.

As compared with :—

Average of last 5 years .. .. 0.53 do.

Rate for Bedfordshire .. .. 0.53 do.

Rate for England & Wales .. .. 0.39 do.

## PRINCIPAL CAUSES OF DEATH

CAUSES	UNDER 15 YEARS		15—65		OVER 65		TOTAL	
	M	F	M	F	M	F	M	F
Tuberculosis, respiratory .. ..	..	..	1	..	1	..	2	..
Tuberculosis, other .. ..	..	..	..	..	..	..	..	..
Syphilitic disease .. ..	..	..	..	..	..	..	..	..
Diphtheria .. ..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..
Meningococcal infections .. ..	..	..	..	..	..	..	..	..
Acute poliomyelitis .. ..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..
Other infective and parasitic diseases .. ..	..	..	..	..	..	..	..	..
Malignant neoplasm, stomach .. ..	..	..	4	2	4	..	8	2
Malignant neoplasm, lung bronchus .. ..	..	..	5	1	2	..	7	1
Malignant neoplasm, breast .. ..	..	..	..	2	..	3	..	5
Malignant neoplasm, uterus .. ..	..	..	..	..	..	1	..	1
Other malignant and lymphatic neoplasms .. ..	..	..	5	1	10	4	15	5
Leukaemia, aleukaemia .. ..	..	1	..	..	..	..	..	1
Diabetes .. ..	..	..	..	..	2	..	2	..
Vascular lesions of nervous systems .. ..	..	..	..	5	16	27	16	32
Coronary disease, angina .. ..	..	..	9	3	23	14	32	17
Hypertension with heart disease .. ..	..	..	3	2	1	4	4	6
Other heart disease .. ..	1	..	5	2	13	17	19	19
Other circulatory disease .. ..	..	..	2	..	5	2	7	2
Influenza .. ..	..	..	..	..	..	..	..	..
Pneumonia .. ..	1	..	1	2	3	6	5	8
Bronchitis .. ..	..	..	4	..	1	2	5	2
Other diseases of respiratory system .. ..	..	..	..	1	4	..	4	1
Ulcer of stomach and duodenum .. ..	..	..	2	..	..	..	2	..
Gastritis, enteritis and diarrhoea .. ..	..	..	1	..	..	..	1	..
Nephritis and nephrosis .. ..	..	..	1	1	1	..	2	1
Hyperplasia of prostate .. ..	..	..	2	..	..	..	2	..
Pregnancy, childbirth, abortion .. ..	..	..	..	1	..	..	..	1
Congenital malformations .. ..	3	2	1	..	..	..	4	2
Other defined and ill-defined diseases .. ..	2	2	2	1	1	9	5	12
Motor vehicle accidents .. ..	..	..	4	..	..	..	4	..
All other accidents .. ..	..	..	1	..	..	1	1	1
Suicides .. ..	..	..	2	..	..	..	2	..
Homicide and operations of war .. ..	..	..	..	..	..	..	..	..
All causes .. ..	7	5	55	24	87	90	149	119



## CAUSE OF DEATH IN INFANTS

Congenital Malformations	..	..	..	3
Prematurity	..	..	..	4
Acute Leukæmia	..	..	..	1

## 5. GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES IN THE AREA.

PROVIDED BY THE NORTH WEST METROPOLITAN REGIONAL HOSPITAL BOARD :

### *General Hospitals:—*

Bedford General Hospital, South Wing, Kempston Road, Bedford.  
 Bedford General Hospital, North Wing, Kimbolton Road, Bedford.  
 The Luton and Dunstable Hospital, Luton.  
 St. Mary's Hospital, Luton.

### *Infectious Disease Hospital:—*

Spittlesea Isolation Hospital, Spittlesea, nr. Luton, Beds.

### *Chest Clinics (for Pulmonary Tuberculosis):—*

Bedford General Hospital, North Wing, Kimbolton Road, Bedford.  
 St. Mary's Hospital, Luton.

### *Venereal Disease Clinics:—*

Bedford General Hospital, South Wing:  
 Wednesday, 5—7 p.m., Friday, 3—5 p.m.  
 Luton and Dunstable Hospital :  
 Monday to Friday, 9.0 a.m.—7.30 p.m., Saturday, 9.0 a.m.—12 noon.

PROVIDED BY THE PUBLIC HEALTH LABORATORY SERVICE.

### *Bacteriological Laboratories:—*

Public Health Laboratory, Lewsey Road, Luton.  
 Bedford General Hospital, North Wing, Kimbolton Road, Bedford.

PROVIDED BY THE BEDFORDSHIRE COUNTY COUNCIL.

### *Ambulance Service:—*

The service provided by the Bedfordshire County Council has satisfactorily met needs of the area. It covers the full 24 hours, and is free of charge.

In addition to moving emergency cases, ambulance or sitting case car transport is available for carrying patients unable to travel by other means to and from Hospitals and Clinics, when attendance is necessary for the purpose of receiving medical treatment.

Except in the case of an emergency, the request for an ambulance must be made to a Medical Practitioner or other authorised person. This should be to the nearest depot.

The service now also covers the removal to isolation hospitals of patients suffering from infectious disease.

Depots are situated as follows :—

BEDFORD

Bedford Road, Kempston.

AMPTHILL

14 Dunstable Street.

Telephone :

Bedford :

Amphill :

BIGGLESWADE

Crab Lane

Biggleswade 2295

DUNSTABLE

High Street, North

Dunstable 62761

LUTON

Leicester Road

Luton 52600 & 51871

LINSLADE (Bucks. County Council)

10 New Road

Leighton Buzzard 3332

*omiliary Nursing and Midwifery Service :—*

This Service is administered by the North East Divisional Committee.

The nurses employed are :—

Aspley Guise (Burrow's Close only)

Miss S. J. Rayner.

Aspley Heath, Battlesden, Eversholt,

Tel.: Woburn 213.

Milton Bryan, Potsgrove, Tingrith, Woburn

Aspley Guise (except Burrow's Close),

Mrs. E. H. Saggars.

Husborne Crawley, Ridgmont.

Tel.: Woburn Sands 3351.

Gravenhurst, Higham Gobion, Shillington, Silsoe.

Miss S. P. Green.

Millbrook.

Tel.: Hexton 246.

Clophill, Haynes (part), Maulden.

Mrs. L. E. Stockbridge.

Flitwick, Steppingley, Flitton and Greenfield.

Tel.: Ampthill 2261.

Cranfield, Hulcote and Salford, Lidlington.

Mrs. C. Wagstaff.

Marston Morteyne.

Tel.: Ampthill 2182.

Houghton Conquest (midwifery only).

Mrs. B. M. Chinnock.

Houghton Conquest (general nursing only).

Tel.: Flitwick 276.

Westoning, Harlington, Pulloxhill.

Miss M. Rubin.

Tel.: Cranfield 394.

Mrs. I. Poole.

Tel.: Lower Shelton 343.

Miss F. K. Patton.

Tel.: Kempston 2079.

Mrs. N. F. B. Pirie.

Tel.: Bedford 67142.

Miss J. C. Butcher.

Tel.: Toddington 298.

*Health Visiting Service :—*

Houghton Conquest, Haynes, Maulden, Clophill, Silsoe, Flitton,  
Pulloxhill, Westoning and Harlington

Mrs. Groom

Cranfield, Marston Morteyne, Millbrook

Miss Maberly

Hulcote and Salford, Lidlington, Aspley Guise, Husborne  
Crawley, Ridgmont, Steppingley, Flitwick, Aspley Heath,

Miss French

Woburn, Eversholt, Tingrith, Potsgrove, Milton Bryan, Battlesden  
Shillington, Gravenhurst, Higham Gobion

Miss Lavin

(Res. Dec., 1960).

Miss Green

(App. Dec., 1960)

*Home Help Service :—*

ORGANISER : Mrs. V. M. Van Berckeleer, 3 St. Peter's Street, Bedford Tel. Bedford 2207.

### *Child Welfare Clinics :—*

Aspley Guise—Parish Hall, Tuesday p.m. fortnightly.  
Clophill—Methodist Schoolroom, Tuesday p.m. every four weeks.  
Cranfield—Memorial Hall, Tuesday p.m. fortnightly.  
Cranfield College—Tuesday p.m. every four weeks.  
Flitwick—Methodist Schoolroom, Friday p.m. weekly.  
Haynes—Church Hall, Thursday p.m. fortnightly.  
Houghton Conquest—Village Hall, Monday p.m. every four weeks.  
Lidlington—Parish Hall, Wednesday p.m. fortnightly.  
Marston Moreteyne—Jubilee Hall, Thursday p.m. fortnightly.  
Marston Shelton—Methodist Schoolroom, Thursday p.m. fortnightly.  
Maulden—Church Hall, Thursday p.m. fortnightly.  
Ridgmont—Village Hall, Thursday p.m. fortnightly.  
Shillington—Congregational Schoolroom, Wednesday p.m. fortnightly.  
Westoning—Old School Hall, Wednesday p.m. fortnightly.  
Woburn—Town Hall, Wednesday p.m. fortnightly.

### *Ante-Natal Clinics :—*

Amphill, 1 Dunstable Street—Friday a.m. fortnightly.  
Shillington Congregational Schoolroom—Wednesday p.m. fortnightly.

### *School Clinics :—*

St. Peter's Clinic, 3 St. Peter's Street, Bedford.

Child Guidance..	..	..	..	..	4 sessions weekly
Dental (2 surgeries)	..	..	..	..	sessions as required
Orthoptic	..	..	..	..	6 sessions weekly
Speech therapy	..	..	..	..	4 sessions weekly
Sunlight	..	..	..	..	when specially arranged

## 6. LEGISLATION IN FORCE.

### BYELAWS AND REGULATIONS :—

Building Byelaws.	Water Regulations and Charges.
Slaughter Houses.	Sale and delivery of food.

## 7. SANITARY CIRCUMSTANCES OF THE AREA.

### (a) WATER SUPPLY

Revised total of new mains laid since 1946 is as follows:— 3-in.—20,209 yards, 4-in.—9,227 yards, 6-in.—12,009 yards, 9-in.—6,500 yards, 10-in.—800 yards.

During the year mains were laid to supply new houses at Flitwick, Harlington, Westing, Pulloxhill and Haynes. In addition a new 6-in. diameter main has been laid from Ha West End to Haynes Church End, which should result in improved pressures during weather at Silver End.

Generally speaking no difficulties were experienced in maintaining satisfactory supply to the whole of the area during the year.

## PULLOXHILL WATERWORKS

(Chemical results in parts per million)

Appearance: Clear and bright.

Turbidity : Nil.

Odour : Nil.

Free Carbon Dioxide : 8.

Total Solids : 300.

Alkalinity as Calcium Carbonate : 145.

Nitrate Nitrogen : 0.0.

Ammoniacal Nitrogen : 0.000.

Albuminoid Nitrogen : 0.000.

Metals: Iron—0.04, other metals absent.

Colour : Nil.

pH : 7.5.

Electric Conductivity : 390.

Chlorine present as Chloride : 17.

Hardness : Total 195.

Carbonate : 145. Non-carbonate : 50.

Nitrite Nitrogen : Absent.

Oxygen absorbed : 0.15.

Residual Chlorine : 0.05.

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a minute trace of iron. The water is hard in character but not unduly so, it contains no excess of mineral constituents and it is of very satisfactory organic quality.

These results are indicative of a pure and wholesome water suitable for public supply purposes.

## BIRCHMOOR PUMPING STATION, ASPLEY GUISE.

(Chemical results in parts per million)

Appearance: Clear and bright.

Colour: Less than 5.

pH : 6.8.

Electric Conductivity : —

Chlorine present as Chloride : 23.

Hardness : Total 78. Carbonate : 40 ; Non-carbonate : 38.

Nitrate Nitrogen : 4.50.

Ammoniacal Nitrogen : Nil.

Albuminoid Nitrogen : Nil.

Metals : Absent.

Turbidity: Less than 1.

Odour: Nil.

Free Carbon Dioxide : 13.

Total Solids dried at 180 C. : 143.

Alkalinity as Calcium Carbonate : 40.

Hardness : Total 78. Carbonate : 40 ; Non-carbonate : 38.

Nitrite Nitrogen : Absent.

Oxygen Absorbed : 0.09.

Residual Chlorine : Absent.

This sample is clear and bright in appearance, neutral in reaction and free from iron and other metals. The water is fairly soft in character and it contains no excess of mineral constituents in solution. It is of very satisfactory organic quality.

From the aspects of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes.

## BACTERIOLOGICAL TESTING.

Tests from all public supplies are taken regularly and have proved satisfactory throughout the year.

The number of houses in the district which are not connected to the public water supply has been steadily reduced in recent years and there are now only 93 not so connected (1.1 per cent). These properties, which are generally in outlying areas, are supplied in all cases by shallow wells. Recent tests carried out have indicated that in the majority of cases the water in these wells is contaminated, and owners have been advised to connect up to the main supply, and where this is not possible to boil all water before use.

The slum clearance scheme has helped to reduce the number as a proper water supply is one of the factors in determining the fitness of a house for human habitation.

PARTICULARS OF NUMBER OF DWELLING HOUSES AND  
POPULATION WITH PIPED SUPPLY.

PARISH				POPULATION (CENSUS 1961)	NUMBER OF HOUSES	SUPPLIED BY MAINS DIRECT	SUPPLIED BY STANDPIPE
Aspley Guise	..	..	..	1923	621	616	5
Aspley Heath	..	..	..	358	133	130	3
Battlesden	..	..	..	55	17	13	2
Clophill	..	..	..	1054	341	263	66
Cranfield	..	..	..	2325	744	686	50
Eversholt	..	..	..	449	168	147	21
Flitton (including Greenfield)	..			571	254	215	31
Flitwick	..	..	..	3608	1174	1161	13
Gravenhurst	..	..	..	475	167	149	15
Harlington	..	..	..	862	290	284	5
Haynes	..	..	..	803	283	240	42
Higham Gobion	..	..	..	28	7	6	—
Hulcote and Salford	..	..	..	204	70	63	4
Houghton Conquest	..	..	..	873	299	265	34
Husborne Crawley	..	..	..	382	102	83	17
Lidlington	..	..	..	915	293	199	36
Marston Moreteyne	..	..	..	1789	542	455	75
Maulden	..	..	..	1617	553	461	76
Millbrook	..	..	..	144	56	52	2
Milton Bryan	..	..	..	138	53	42	11
Potsgrove	..	..	..	68	21	18	3
Pulloxhill	..	..	..	648	174	151	14
Ridgmont (including Brogborough)				807	276	235	33
Shillington (including Lower Stondon)				2788	886	771	107
Silsoe	..	..	..	680	238	209	26
Steppingley	..	..	..	244	64	47	13
Tingrith	..	..	..	122	47	45	2
Westoning	..	..	..	792	260	242	15
Woburn	..	..	..	845	303	284	18
				25567	8436	7532	739

# RAINFALL.

1960 MONTH	TOTAL INCHES	GREATEST RAINFALL IN 24 HOURS		NO. OF DAYS WITH .01 " OR MORE	NO. OF DAYS WITH .04 " OR MORE
		INCHES	DATE		
Illoxhill Pumping Station—					
January .. ..	2.40	0.55	27th	20	13
February .. ..	2.32	0.35	25th	16	13
March .. .. .	1.66	0.49	29th	11	5
April .. .. .	0.50	0.22	2nd	12	1
May .. .. .	1.27	0.62	12th	7	6
June .. .. .	2.70	1.05	23rd	9	8
July .. .. .	3.42	0.45	10th	19	17
August .. .. .	2.85	1.07	11th	16	10
September .. ..	3.34	0.77	15th	14	11
October .. .. .	4.65	0.64	26th	26	19
November .. ..	3.09	0.49	25th	25	20
December .. ..	2.82	0.75	3rd	20	12
	31.02				
West Park, Silsoe :—					
January .. .. .	2.06	0.40	23rd	21	12
February .. .. .	2.06	0.41	28th	16	12
March .. .. .	1.41	0.39	10th	11	6
April .. .. .	0.34	0.17	2nd	8	2
May .. .. .	1.38	0.81	12th	6	6
June .. .. .	2.67	1.12	23rd	9	8
July .. .. .	2.90	0.53	10th	18	17
August .. .. .	2.97	0.96	11th	16	12
September .. ..	3.04	1.00	15th	14	12
October .. .. .	3.81	0.53	26th	26	15
November .. ..	2.82	0.42	25th	25	16
December .. ..	3.21	0.90	3rd	20	12
	28.67				

## RAINFALL IN PREVIOUS 10 YEARS.

Year.	Woburn.	England & Wales.
1950	30.37	40.2
1951	30.56	43.6
1952	26.31	35.5
1953	18.16	29.9
1954	30.27	42.7
1955	24.77	31.3
1956	24.77	35.2
	Pulloxhill	
1957	24.13	35.7
1958	30.05	41.6
1959	18.56	32.0



### (b) DRAINAGE AND SEWERAGE.

During the year work was commenced on the construction of the Marston and Cranfield Sewerage Scheme and a similar scheme for Clophill, Maulden and Silsoe was approved.

An outline scheme has also been prepared for the parish of Shillington.

Aspley Guise and Aspley Heath are drained to the Aspley Guise Sewage Disposal Works which is jointly owned by this Council and Newport Pagnell Rural District Council.

### (c) RIVERS AND STREAMS.

No action has been necessary.

### (d) CLOSET ACCOMMODATION.

6 Parishes, Aspley Guise, Aspley Heath, Woburn, Flitwick, Harlington and Weston, except for outlying properties, have water closets and are on main drainage.

In the remaining 23 Parishes 2,861 houses have W.C.'s draining to either cesspools or sewage disposal plants, and 2,894 houses have pail closets.

On the new housing estates practically all Council Houses have water closets, and where the estates are sufficiently large, suitable disposal works are provided, elsewhere they have cesspool drainage.

### (e) CLEANSING.

Only once a week emptying of closet pails has been possible in 23 Parishes as a whole, and in the 6 Parishes where there is main drainage, outlying properties unable to drain to these sewers have their pails emptied also. There are 2,200 houses on cesspool.

Cesspools are emptied on request throughout the district at intervals of 3 months free of charge. Where this is exceeded a charge of 25s. per emptying is levied by the Council.

Direct labour is employed with six vacuum tank motor emptiers.

The method of disposal is by means of spraying on agricultural land and depositing in two gravel pits in isolated parts of the district. Extreme difficulty is still being experienced with regard to the disposal and in addition the labour problem remains most acute.

### REFUSE COLLECTION.

A fortnightly collection of household refuse serving every Parish throughout the district has been continued.

### (f) SANITARY INSPECTION OF THE AREA.

NUMBER AND NATURE OF INSPECTIONS MADE :—

*Public Health Act :—*

Complaints	..	..	..	..	..	..	..	..	..
Where nuisances were found	..	..	..	..	..	..	..	..	..
Drainage	..	..	..	..	..	..	..	..	..
Disinfestations	..	..	..	..	..	..	..	..	..
Cesspools	..	..	..	..	..	..	..	..	..
Caravans	..	..	..	..	..	..	..	..	..
Infectious Diseases	..	..	..	..	..	..	..	..	..
Food Poisoning	..	..	..	..	..	..	..	..	..
Specimens	..	..	..	..	..	..	..	..	..
Cleansing	..	..	..	..	..	..	..	..	..
Pig Sties	..	..	..	..	..	..	..	..	..
Water Samples	..	..	..	..	..	..	..	..	..
Places of Entertainment	..	..	..	..	..	..	..	..	..
Polio Survey	..	..	..	..	..	..	..	..	..

*Housing Acts :—*

House to House Surveys	..	..	..	..	..	..	..	873
Preliminary Surveys	..	..	..	..	..	..	..	262
House Inspections	..	..	..	..	..	..	..	35
Revisits	..	..	..	..	..	..	..	57
Complaints	..	..	..	..	..	..	..	18
Rent Act 1957	..	..	..	..	..	..	..	13

*Food and Drugs Acts :—*

Slaughterhouses	..	..	..	..	..	..	..	17
Butcher's Shops	..	..	..	..	..	..	..	34
Cafes	..	..	..	..	..	..	..	12
Bakehouses	..	..	..	..	..	..	..	23
Fried Fish Shops	..	..	..	..	..	..	..	2
Licensed Premises	..	..	..	..	..	..	..	23
Milk Distributors	..	..	..	..	..	..	..	1
Ice Cream Premises	..	..	..	..	..	..	..	12
Meat Inspection	..	..	..	..	..	..	..	649
Inspection of Other Foods	..	..	..	..	..	..	..	14
Canteens	..	..	..	..	..	..	..	5
Mobile Shops	..	..	..	..	..	..	..	4
Grocers	..	..	..	..	..	..	..	17
Greengrocers	..	..	..	..	..	..	..	7
Confectioners	..	..	..	..	..	..	..	4

*Prevention of Damage by Pest Act 1949 :—*

Rodent Control	..	..	..	..	..	..	..	227
Miscellaneous Visits	..	..	..	..	..	..	..	103
Inspections of Council Houses	..	..	..	..	..	..	..	733
								3834

The following is a summary of nuisances and defects reported on during the year :—

Premises with defective closets	..	..	..	..	..	..	..	7
“ “ “ walls	..	..	..	..	..	..	..	4
“ “ “ drainage	..	..	..	..	..	..	..	13
“ “ “ walls and ceilings	..	..	..	..	..	..	..	12
“ “ “ floors	..	..	..	..	..	..	..	2
“ “ “ roofs	..	..	..	..	..	..	..	11
“ “ “ chimney stacks and fireplaces	..	..	..	..	..	..	..	6
“ “ “ guttering and downpipes	..	..	..	..	..	..	..	7
“ “ “ doors	..	..	..	..	..	..	..	2
“ “ “ windows	..	..	..	..	..	..	..	5
“ “ “ sinks	..	..	..	..	..	..	..	4
“ “ “ stairs	..	..	..	..	..	..	..	1
“ “ “ unwholesome water supply	..	..	..	..	..	..	..	2
“ “ “ nuisance from rats and mice	..	..	..	..	..	..	..	217
“ “ “ offensive accumulations	..	..	..	..	..	..	..	4
Number of defective premises	..	..	..	..	..	..	..	47
“ “ “ cesspools	..	..	..	..	..	..	..	6



NOTICES :—

Served. Completed. Outstdg.

Number of Statutory Notices served under the Housing

Act, 1936	..	..	..	..	..	28	23	5
-----------	----	----	----	----	----	----	----	---

Public Health Act, 1936	..	..	..	..	..	2	2	—
-------------------------	----	----	----	----	----	---	---	---

Number of informal Notices served under the Housing

Act, 1936	..	..	..	..	..	—	—	—
-----------	----	----	----	----	----	---	---	---

Public Health Act, 1936	..	..	..	..	..	41	27	14
-------------------------	----	----	----	----	----	----	----	----

Food and Drugs Act 1955	..	..	..	..	..	7	5	2
-------------------------	----	----	----	----	----	---	---	---

Rent Act 1957 :—

Number of Disrepair Certificates	..	..	..	..	..	6	—	6
----------------------------------	----	----	----	----	----	---	---	---

Number of Intentions to Serve	..	..	..	..	..	2	—	—
-------------------------------	----	----	----	----	----	---	---	---

(g) SHOPS AND PREMISES.

Four lock-up shops have certificates of exemption under Section 38 (2) and (6) of the Shops Act 1950, sanitary conveniences being available within a reasonable distance.

(h) MOVABLE DWELLINGS. PUBLIC HEALTH ACT 1936. SECTION 269.

Two caravan licences were issued and operative during the year. The caravans are situated on single sites for use as living accommodation.

(i) SMOKE ABATEMENT.

No action was found necessary.

During 1959-60 research was instituted by the County Council Health Committee into the possible harmful effects to human health of the fumes from the brickworks along the valley south west of Bedford, which is partly in this Rural District and partly in that of the Bedford Rural District. (My comments are being duplicated in the Annual Report for that District).

The report was in two parts: the analysis of the fall-out of the fumes and a report on the attempt to compare the incidence of chest diseases in a village in the valley and in a control village in an area far from fumes.

The main conclusions were that the atmosphere is being polluted by fumes from the brickworks' chimneys to a distance of at least two miles. Area pollution at any particular time depends on the direction of the wind. Pollution is almost wholly gaseous with a large amount of sulphur dioxide.

The general level of pollution in Liddington and Kempston Hardwick is less than that of a large city and corresponds roughly with that of a small industrial town in summer.

Whilst it is possible that sulphur fumes in the air in the Liddington area are partly responsible for the high incidence of chest symptoms, it is in no way conclusive.

The report was presented to the County Council Health Committee at an open meeting. It was agreed that it afforded no proof that there was atmospheric pollution in the brickworks valley grave enough to cause damage to human health. It was stated that the Brick Companies were conducting research into means of abating the nuisance.

I think it important that this report be placed in the "Pending" tray and not be shelved. Unfortunately medical diagnosis seldom stands up to legal probing. It is regretted that proof of the cause of disease is often forthcoming only post-mortem, after irreparable damage has been caused to human health.

(j) SWIMMING BATHS AND POOLS.

(a) Public. No swimming pools are owned by this Authority.

(b) Private owned and open to the public:—

EVERSHOLT.—This bath is in the process of being re-built and equipment for the proper treatment of water is being installed.

(c) Private Swimming Pools.

HAWNES SCHOOL, HAYNES PARK.—An open-air pool is provided for this girls' boarding school. A natural spring gives the pool a continuous flow.

THE KNOLL SCHOOL, ASPLEY HEATH.—A similar boarding school for boys, this has a small pool filled from the main water supply. It is periodically emptied and refilled.

### (A) ERADICATION OF BED BUGS.

One report of bug infestation was received during the year.

Inspection is made of the furniture of a prospective tenant to ensure that it is free from vermin before removal to a Council House.

Disinfection is carried out by the Local Authority.

Prevention of re-infestation after cleansing, is secured by re-inspection, advice and supervision.

### (I) RODENT CONTROL.

The Council's sewers, sewage disposal plants, sewer ditches and refuse tips are systematically treated.

The Council gives a free service to domestic premises, and occupiers in the main make good use of this facility. The need for reporting the slightest infestation of these disease-carrying vermin cannot be over stressed.

A flat rate charge of 6s. per hour of the Operative's time is made to the occupiers of business premises. This flat rate includes wages, travelling expenses and cost of poison and bait.

During the year visits have been made and treatments given to premises as follows :—  
731 Domestic Properties; 9 Business Premises; 592 Council Properties (excluding Council Houses); 438 Sewer Ditches, 37 Surveys of Agricultural Properties. Total—1,807.

During the summer many complaints of wasp infestations were received, and during the months of August and September, 103 nests were destroyed.

## 3. HOUSING.

### HOUSING OF THE ELDERLY.

The Council's policy of providing accommodation for the elderly has continued during the year.

The scheme for "Dengarth," Steppingley Road, Flitwick, has been commenced, involving the erection of 22 one bedroom bungalows and the conversion of "Dengarth" House, to provide a Warden's Quarters and a Communal Room for use by the bungalow tenants. The scheme will be completed in 1961.

The provision of this type of accommodation has been a successful venture and has assisted in the rehousing of applicants on the general waiting lists by means of exchanges where selected tenants were often the sole occupiers of three bedroom accommodation.

### *Improvement Grants.*

Both Standard and Discretionary Grants have been approved by the Council who are always mindful of the need for improvement and modernisation of existing properties.

### *Loans for Owner Occupiers.*

During the year under review 63 loans were made involving £81,450.

### *Housing Management*

The Council now has 1,334 Post-war Houses plus 353 Pre-war Houses and owns 10 other Properties, making 1,697 units of accommodation.

The post-war development has been carried out in 23 of the 29 Parishes in the district. Present building is still restricted to one bedroom bungalows, on estates where facilities and sites are already available.

It is felt that the interchange of tenancies of existing houses, and one bedroom bungalows where appropriate, will go a long way towards meeting the requirements of the waiting list for general needs.

Wherever possible prompt action is taken by the Council in allocating houses to applicants subjected to Eviction Orders, the aim being to prevent the break-up of families. In connection with this, the District Welfare Officer of the County Welfare Department works in close collaboration with the Council's Housing Department.

The Council is always willing to assist and encourage exchanges of houses both with private landlords and other Councils. This year the following exchanges have been made:—

With Council tenants within the district .. .. .	2
With Council house tenants outside the district .. .. .	2

### Slum Clearance Programme.

During the year under review the Council in dealing with unfit houses included in the Slum Clearance Programme, made 11 Demolition Orders and 5 Closing Orders. Owners were prepared to give Informal Undertakings to demolish in 5 cases and these were accepted by the Council. A further 3 houses were purchased by agreement.

3 tenants were rehoused from Slum Clearance properties during the year.

The position at the end of 1960, which is also the end of the first 5 year programme is that out of the 229 properties on that programme 83 properties have been the subject of action by the Council. In addition 35 Informal Undertakings have been accepted, 4 properties have been demolished voluntarily and a further 31 properties have been reconditioned. This leaves some 31 properties of which several are derelict, some have had temporary repairs executed and owners of others have verbally agreed not to re-let the properties on becoming vacant.

## 9. INSPECTION AND SUPERVISION OF FOOD.

### (a) SLAUGHTERHOUSES.

There were 5 licensed slaughterhouses in use during the year.

There were 20 slaughtermen licensed under the Slaughter of Animals Act 1933-54, at the beginning of the year.

### (b) MEAT INSPECTION.

Total number of animals slaughtered and inspected—3,901.

Carcases and Offal inspected and condemned in whole or in part :—

	Cattle.	Cows.	Calves.	Sheep & Lambs.	Pigs.	Horses.
Number killed .. .. .	638	4	62	2272	925	—
Number inspected .. .. .	638	4	62	2272	925	—
<i>All diseases except Tuberculosis and Cysticerci :</i>						
Whole carcases condemned .. .. .	—	—	—	—	—	—
Carcases of which some part or organ was condemned .. .. .	28	1	1	14	70	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	4.38%	25%	1.61%	0.61%	7.56%	—
<i>Tuberculosis only :</i>						
Whole carcases condemned .. .. .	—	—	—	—	—	—
Carcases of which some part or organ was condemned .. .. .	2	—	—	—	6	—
Percentage of the number inspected affected with tuberculosis ..	0.31%	—	—	—	0.65%	—
<i>Cysticercosis :</i>						
Carcases of which some part or organ was condemned .. .. .	2	—	—	7	—	—
Carcases submitted to treatment by refrigeration .. .. .	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—
Percentage of the number inspected affected by cysticercosis	0.31%	—	—	0.30%	—	—

*tails of parts found unsound :—*

1 Beast Head (Actino-bacillosis)	6 Pig Heads (Tuberculosis)
1 Beast Head (Cysticercus Bovis)	24 Pig Hearts (Pericarditis)
1 Beast Heart (Cystercercus Bovis)	2 Pig Lungs (Pneumonia)
1 Beast Heart (Pericarditis)	32 Pig Livers (Milk Spot)
1 Beast Lungs (Tuberculosis)	2 Pig Livers (Cirrhosis)
1 Beast Lungs (Abscesses)	1 Pig Liver (Hepatitis)
1 Beast Lungs (Pneumonia)	17 Pig Kidneys (Hydronephrosis)
18 Beast Livers (Flukes)	2 Pig Kidneys (Nephritis)
4 Beast Livers (Abscesses)	1 Pig Kidney (Severe Bruising)
2 Beast Livers (Necrosis)	
1 Beast Liver (Tuberculosis)	12 Sheep Livers (Flukes)
1 Beast Liver (Multiple Cysts)	7 Sheep Hearts (Cysticercus Ovis)
1 Cow Liver (Fatty Infiltration)	1 Sheep Liver (Parasitic)
1 Calf Liver (Bacterial Necrosis)	1 Sheep Lungs (Pneumonia).

## FOODS CONDEMNED.

17 tins Meat, 17 tins Vegetables, 12 tins Fruit, 4 tins Milk, 1 tin Syrup, 1 tin Fish, 1 tin Cream, 1 tin Cereal, 2 pkts. Cereals, 2 jars Preserves, 1 jar Onions, 2½ stons Fish, 1 lbs. Rice, 9 cwt. Potatoes.

### *Disposal of Condemned Food.*

All condemned meat is stained before removal from slaughterhouses and processed for animal feeding purposes or buried under supervision.

Other condemned Foods are removed and buried on the Council refuse tips under supervision.

## HYGIENE OF FOOD PREMISES.

Number and type of food premises :—

Bakehouses	..	..	..	..	..	..	..	..	..	13
Butchers	..	..	..	..	..	..	..	..	..	21
Cafes	..	..	..	..	..	..	..	..	..	7
Fried Fish Shops	..	..	..	..	..	..	..	..	..	2
Grocers	..	..	..	..	..	..	..	..	..	77
Greengrocers	..	..	..	..	..	..	..	..	..	5
Confectioners	..	..	..	..	..	..	..	..	..	17
School Canteens	..	..	..	..	..	..	..	..	..	23
Work Canteens	..	..	..	..	..	..	..	..	..	5
Licensed Premises	..	..	..	..	..	..	..	..	..	93

---

264

---

Registered premises, under Section 16 of the Food and Drugs Act, 1955 :

Number of Shops registered for the sale of Ice Cream	..	..	..	..	75
Number of Licensed Premises registered for the sale of Ice Cream	..	..	..	..	24
Number of Premises registered for the manufacture of Preserved Meats	..	..	..	..	12

### *Inspections of Registered Food Premises.*

12 Inspections of registered ice cream premises have been carried out during the year.

The standard of hygiene of these premises is very good and frequent visiting was found to be unnecessary.

With reference to the Ice Cream (heat treatment, etc.) Regulations 1959, there are no manufacturing premises within the district and the whole of the registered premises retail pre-packed ice cream.

19 Inspections of registered preserved meat premises have been carried out during the year, revisits being made as necessary.

The standard of hygiene of these premises was reasonably good, a further improvement having been achieved during the year.

## Food Hygiene (General) Regulations 1960.

Visits made during the year have been concentrated on the preparing and manufacturing premises in the main.

Visits have been made as necessary to the General Retail Shops and Licensed Premises

At the end of the year out of 142 General Food Shops 122 were satisfactory, this being the same as the previous year. Out of 93 Licensed Premises 65 were found to be satisfactory this being an increase of 9 over the previous year.

## (e) MILK.

### Milk and Dairies Regulations 1949.

Number of persons registered as Distributors .. .. . 29

### Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations 1949-1953

Number of Dealers licensed to use the special designation Pasteurised .. .. . 19

“ “ “ holding Supplementary Licences to use the special designation Pasteurised .. .. . 8

“ “ “ licensed to use the special designation Sterilised .. .. . 9

“ “ “ holding Supplementary Licences to use the special designation Sterilised .. .. . 5

### Milk (Special Designation) (Raw Milk) Regulations 1949-1954.

Number of Dealers licensed to use the special designation Tuberculin Tested .. 1

“ “ “ holding Supplementary Licences to use the special designation Tuberculin Tested .. .. .

## 10. SANITATION IN SCHOOLS.

Further progress has been made during the year in the improvement of sanitation in schools and there are now only six schools without proper drainage, viz Cranfield C.V.P. Houghton Conquest C.P., Eversholt C.P., Millbrook C.P., Milton Bryan V.P., and Steppingley C.P.

It is possible that Cranfield C.V.P. School will be converted to water borne sanitation now that a new sewer is being laid in that village.

All schools have facilities for the washing of hands.

## 11. PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

### Notifications by Age Groups.

DISEASE	UNDER 5	5—15	OVER 15	TOTAL	REMOVED TO HOSPITAL
Scarlet Fever .. ..	4	3	..	7	..
Measles .. .. .	10	10	..	20	..
Whooping Cough .. ..	10	14	..	24	..
Pneumonia .. .. .	..	..	2	2	1
Dysentery .. .. .	..	..	..	..	..
Food Poisoning .. ..	..	..	3	3	1
Paratyphoid Fever .. ..	1	..	..	1	1
Erysipelas .. .. .	..	..	3	3	..
Infective Hepatitis .. ..	..	1	4	5	..
Puerperal Pyrexia .. ..	..	..	..	..	..
Ophthalmia Neonatorum .. ..	..	..	..	..	..
Poliomyelitis .. .. .	..	..	..	..	..
Encephalitis .. .. .	..	..	..	..	..
Salmonella Typhi .. ..	..	..	1	1	1



# NOTIFICATION BY PARISHES.

PARISH	Measles	Scarlet Fever	Whooping Cough	Pneumonia	Dysentery	Food Poisoning	Ophthalmia Neonatorum	Erysipelas	Infective Hepatitis	Puerperal Pyrexia	Polio-myelitis	Paratyphoid Fever	Encephalitis	Salmonella Typhi
Aspley Guise ..	..	..	..	1	..	2	..	..	..	..	..	..	..	..
Aspley Heath ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Clophill ..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Cranfield ..	7	..	6	..	..	..	..	..	2	..	..	..	..	..
Eversholt ..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Flitton ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Flitwick ..	2	1	4	..	..	..	..	..	..	..	..	..	..	..
Gravenhurst ..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Harlington ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Haynes ..	2	1	..	..	..	..	..	..	..	..	..	..	..	..
Houghton Conquest	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hulcote & Salford	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Husborne Crawley	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Lidlington ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Marston Moreteyne	..	..	4	..	..	..	..	1	1	..	..	..	..	1
Maulden ..	..	1	..	..	..	..	..	..	..	..	..	1	..	..
Millbrook ..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Potsgrove ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulloxhill ..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Ridgmont ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..
Shillington ..	5	1	2	..	..	..	..	..	..	..	..	..	..	..
Silsoe ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Steppingley ..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Tingrith ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Westoning ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Woburn ..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Total	20	7	24	2	..	3	..	3	5	..	..	1	..	1

The incidence of infectious disease was low during the year under review except for measles which was widespread throughout the district.

# TUBERCULOSIS IN AGE GROUPS.

Age	New Cases				Deaths			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year .. ..	..	..	..	..	..	..	..	..
1 year to 5 years .. ..	..	..	..	1	..	..	..	..
5 years to 15 years .. ..	1	3	..	..	..	..	..	..
15 years to 35 years .. ..	5+3*	1+1*	..	1	..	..	..	..
35 years to 65 years .. ..	3+1*	3	..	3	1	..	..	..
Over 65 .. ..	..	..	1	..	1	..	..	..
Totals ..	9+4*	7+1*	1	5	2	—	—	—

## NUMBER ON REGISTER AT END OF YEAR.

PULMONARY :—

62 males, 47 females.

NON-PULMONARY :—

7 males, 11 females.

## TUBERCULOSIS IN PARISHES.

Parish.	New Cases				Deaths			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Aspley Guise .. ..	..	1	1	1	..	..	..	..
Clophill .. ..	2	..	..	1	..	..	..	..
Cranfield .. ..	1*	1	..	..	..	..	..	..
Flitwick .. ..	4+1*	2	..	1	..	..	..	..
Haynes .. ..	..	..	..	1	..	..	..	..
Houghton Conquest .. ..	..	2+1*	..	..	..	..	..	..
Hulcote and Salford .. ..	..	..	..	1	..	..	..	..
Marston .. ..	1	..	..	..	..	..	..	..
Maulden .. ..	..	..	..	..	1	..	..	..
Millbrook .. ..	1*	..	..	..	..	..	..	..
Pulloxhill .. ..	..	1	..	..	..	..	..	..
Shillington .. ..	1*	..	..	..	1	..	..	..
Tingrith .. ..	1	..	..	..	..	..	..	..
Westoning .. ..	1	..	..	..	..	..	..	—
Totals ..	9+4*	7+1*	1	5	2	..	..	..

\*Transferred from another district.

## DEATH RATE PER 100,000 OF THE POPULATION.

(Respiratory Tuberculosis)

This District : 8.0. Bedfordshire : 5.0. England and Wales : 6.8.

# INCIDENCE OF TUBERCULOSIS

1913—1960

Year				New Cases		Deaths	
				Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1913—14	..	..	..	21.0	3.4	5.2	0.8
1915—19	..	..	..	25.8	4.8	15.0	5.8
1920—24	..	..	..	24.4	7.2	15.0	6.2
1925—29	..	..	..	29.4	8.8	11.8	2.4
1930—34	Average	..	..	12.8	4.2	9.8	2.2
1935—39		..	..	9.0	4.2	8.6	2.4
1940—44		..	..	8.2	4.0	6.2	1.6
1945—49		..	..	15.8	3.2	6.4	0.8
1950—54		..	..	17.6	3.8	1.2	0.4
1955	..	..	..	12	4	2	—
1956	..	..	..	8	2	1	1
1957	..	..	..	1	2	—	—
1958	..	..	..	10	2	1	1
1959	..	..	..	7	4	1	—
1960	..	..	..	16	6	2	—



## MASS RADIOGRAPHY.

No visits were made to the District during the year.

## 12. IMMUNISATION AND VACCINATION.

Vaccination against anterior poliomyelitis, whooping cough and diphtheria, is the responsibility of the County Council and has been carried out at child welfare clinics and in the schools.

There were no cases of poliomyelitis during the year.

Immunisation against tuberculosis by B.C.G. is offered to school leavers and is given in the schools.

## CLEANSING OF VERMINOUS PERSONS.

### PUBLIC HEALTH ACT, 1936, SECTION 85

#### *Lice.*

No treatments were given under this Section this year.

The bulk of the cases which might call for treatment is in school children with louse heads who are always treated informally by the school nurse.

There is an arrangement with the Borough of Bedford to treat general infestations at Barker's Lane, Bedford, at a cost of 30s. per treatment for adults and 17s. 6d. per treatment for children.

Modern treatment of scabies no longer necessitates cleansing under this Section.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925, and Section 172 of the Public Health Act, 1936.

No necessity for action under these regulations arose during the year under review.

## 13. NATIONAL ASSISTANCE ACT, 1948 (Section 47).

No action was taken under Section 47 of the Act during the year.

#### 4. FACTORIES.

*Prescribed particulars on the administration of the Factories Act, 1937.*

### PART 1 OF THE ACT

—**INSPECTIONS** for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ..	2	—	—	—
i) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	76	—	—	—
ii) Other Premises in which Section 7 is enforced by the Local Authority *(excluding out-workers' premises) ..	23	—	—	—
Total ..	101	—	—	—

### —CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases.")

Particulars	Number of cases in which defects were found			Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector    By H.M. Inspector	
Want of cleanliness (S.1.) ..	3	3		
Overcrowding (S.2.) ..	—			
Unreasonable temperature (S.3.) ..	—			
Inadequate ventilation (S.4.) ..	—			
Ineffective drainage of floors (S.6)	—			
Sanitary Conveniences (S.7)				
(a) insufficient	1	1		
(b) Unsuitable or defective				
(c) Not separate for sexes				
Other offences against the Act (not including offences relating to Outwork) ..	—			
Total ..	4	4		

#### Part VIII of the Act.

### OUTWORK (Sections 110 and 111)

Nature of Work	Section 110			Section 111		
	No. of outworkers in August list required by Sect. 110 (1)(c)	No. of cases of default in sending list to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel— Making, etc. ..	62	—	—	—	—	—

\* i.e., Electrical Stations (Section 103 (1)), Institutions Section (104), and sites of Building Operations and Works of Engineering Construction (Sections 107 and 108).

